DEC 1 8 2006

Substitute for Form 1449 A & B/PTO

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Application Number	10/539,012	
Confirmation Number	7378	
Filing Date	June 15, 2005	
First Named Inventor	Si-Young CHO	
Art Unit	Unassigned	
Examiner Name	Unassigned	
Attorney Docket Number	O88600	

Complete if Known

U.S. PATENT DOCUMENTS							
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Examiner Cite Initials* No.1		Number	Kind Code ² (if known)	MM-DD-YYYY	Name of Patentee or Applicant of Cited Document		
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	FOREIGN PATENT DOCUMENTS							
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	NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶				
PL		You-wei ZHANG, et al., "Effect of ginsenosides from Panax ginseng on proliferation of human osteosarcoma cell U ₂ OS, Chinese Traditional and Herbal Drugs, Vol. 32, No. 3, 2001, pp. 232-236					
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	FOREIGN PATENT DOCUMENTS								
Examiner	Cite	For	Foreign Patent Document		Foreign Patent Document		Publication Date	Name of Patentee or	
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		Martin D. Smith et al., "Bcl-2 Transcription from the Proximal P2 Promoter Is Activated in	
ρ_{i}		Neuronal Cells by the Brn-3a POU Family Transcription Factor", The Journal of Biological	
RL		Chemistry, Vol. 273, No. 27, Issue of July 3, 1998, pp. 16715-16722	ļ <u>. </u>
" ,		David W. Hockenbery et al., "BCL2 protein is topographically restricted in tissues characterized	Ì
}		by apoptotic cell death", Pro. Natl. Acad. Sci. USA, Vol. 88, August 1991, pp. 6961-6965	<u> </u>
		J. Rodriguez-Villanueva et al., "The expression and localization of bcl-2 protein in normal skin	
- 1		and in non-melanoma skin cancers", Pathol. Res. Pract., Vol. 191, No. 5, June 1995, pp. 391-8	<u> </u>
		S. Sermadiras et al., "Expression of Bcl-2 and Bax in cultured normal human keratinocytes and	
		melanocites: relationship to differentiation and melanogenesis", Br. J. Dermatol., Vol. 137, No.	
		6, December 1997, pp. 883-889	<u> </u>
		Gary J. Fisher et al., "Pathophysiology of Premature Skin Aging Inducted by Ultraviolet Light",	
1/		The New England Journal of Medicine, Vol. 337, No. 20, Nov. 13, 1997, pp. 1419-1428	
		Hidetoshi Takahashi et al., "In Vitro and In Vivo Transfer of bcl-2 Gene into Keratinocytes	
0,	•	Suppresses UVB-induced Apoptosis", Photochemistry and Photobioloty, Vol. 74, No. 4, 2001,	
14		pp. 579-586	

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55554161C 101 11 01 111 144.				Application Number	Unassigned			
INFO	RMATION	DISCLOS	URE	Confirmation Number	Unassigned			
STAT	EMENT BY	APPLIC	ANT	Filing Date	June 15, 2005			
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FOREIGN PATENT DOCUMENTS									
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date	Name of Patentee or	m - 1 - 4 - 16		
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)	MM-DD-YYYY	Applicant of Cited Document	Translation ⁶		
12		KR	2003-94523	Α	12-18-2003	Amorepacific Corp.			
P	*	KR	2003-60017	Α	07-12-2003	Amorepacific Corp.			
K		KR	2003-37005	Α	05-12-2003	Amorepacific Corp.			
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RL		E.H. Lee et al., "Ginsenoside F1 protects human HaCaT keratinocytes from ultraviolet-B-induced apoptosis by maintaining constant levels of Bcl-2", <i>Journal of Invest. Dermatol.</i> , Vol. 121, No. 3, Sept. 2003, pp. 607-613				
PL		Y.W. Zhang et al., 'Effects of ginsenosides from Panax ginseng on cell-to-cell communication function mediated by gap junctions', <i>Plata Med.</i> , Vol. 67, No. 5, July 2001, pp. 417-422				
PL		S.R. Ko et al., "Enzymatic preparation of ginsenosides Rg2,Rh1, and F1", Chem. Pharm. Bull. (Tokyo), Vol. 51, No. 4, April 2003, pp. 404-408				
7			<u> </u>			
						

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